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LED WALL WASHER

WLT Linear Series

INSTRUCTION OF LED WALL WASHER / WLT

This product is mainly used for decorating and highlighting in building frame, garden, etc. It can work in an independent mode and DMX mode, which can generate various color changing effects

DMX256 class gray degree dimmer, DMX programable（Thousands of effects available if many lights are connected together)

A. Specification：

A-1. Structure:

Material: Aluminum light body+tempered glass
Rotary angle: 180°
Input Voltage: 24V DC
Protection Rating: IP65
Operating Temperature: -20℃-40℃

WLT18-510-2-**-*-A

A-2. Part Number Table

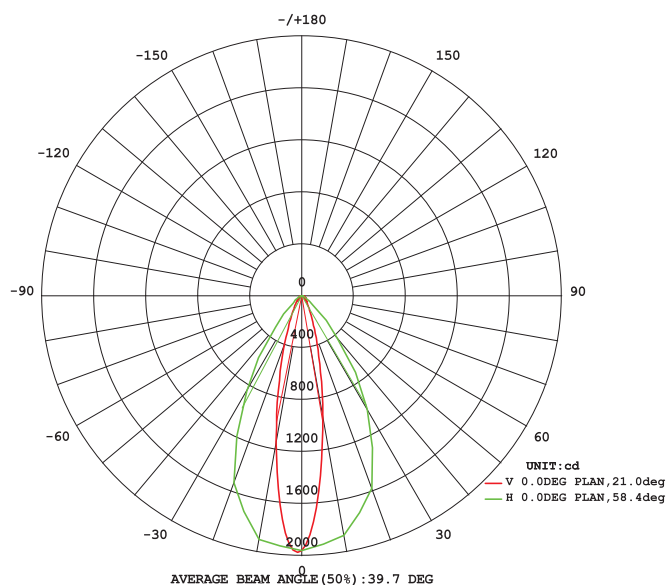| Model No.	Size	LED Quantity	LED Color*	Power consumption	Beam Angle**	Weight
WLT06-350-2-**-*-A	L350xW36xH57mm	6P	2800K / 3000K / 4000K / 6500K Red / Blue / Green	6W	20*60°/15°/30°/45°/ 60 °	0.6Kg
WLT09-510-2-**-*-A	L510xW36xH57mm	9P	2800K / 3000K / 4000K / 6500K Red / Blue / Grn / RGB / RGBW	9W	20*60°/15°/30°/45°/ 60 °	0.8Kg
WLT18-1000-2-**-*-A	L1000xW36xH57mm	18P	2800K / 3000K / 4000K / 6500K Red / Blue / Grn / RGB / RGBW	18W	20*60°/15°/30°/45°/ 60 °	1.5Kg
WLT08-350-2-**-*-A	L350xW36xH57mm	8P	2800K / 3000K / 4000K / 6500K Red / Blue / Green	8W	20*60°/15°/30°/45°/ 60 °	0.6Kg
WLT12-510-2-**-*-A	L510xW36xH57mm	12P	2800K / 3000K / 4000K / 6500K Red / Blue / Grn / RGB / RGBW	12W	20*60°/15°/30°/45°/ 60 °	0.8Kg
WLT24-1000-2-**-*-A	L1000xW36xH57mm	24P	2800K / 3000K / 4000K / 6500K Red / Blue / Grn / RGB / RGBW	24W	20*60°/15°/30°/45°/ 60 °	1.5Kg
WLT12-350-2-**-*-A	L350xW36xH57mm	12P	2800K / 3000K / 4000K / 6500K Red / Blue / Green	12W	20*60°/15°/30°/45°/ 60 °	0.6Kg
WLT18-510-2-**-*-A	L510xW36xH57mm	18P	2800K / 3000K / 4000K / 6500K Red / Blue / Green	18W	20*60°/15°/30°/45°/ 60 °	0.8Kg
WLT36-1000-2-**-*-A	L1000xW36xH57mm	36P	2800K / 3000K / 4000K / 6500K Red / Blue / Green	36W	20*60°/15°/30°/45°/ 60 °	1.5Kg

B. Working Mode:

DMX Mode:International standard DMX512.

C.Photometric Parameters

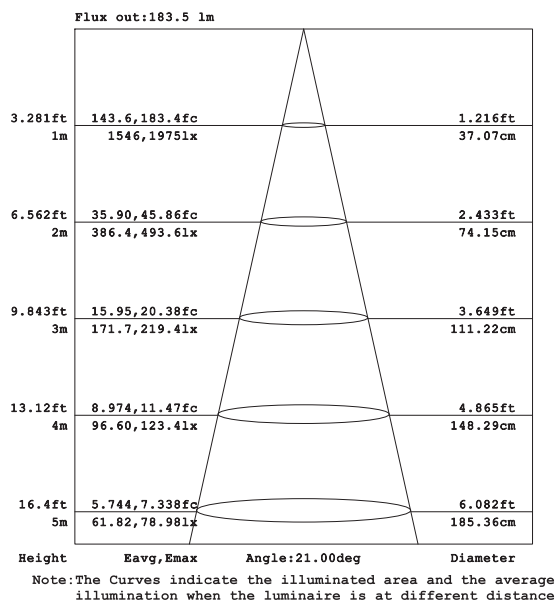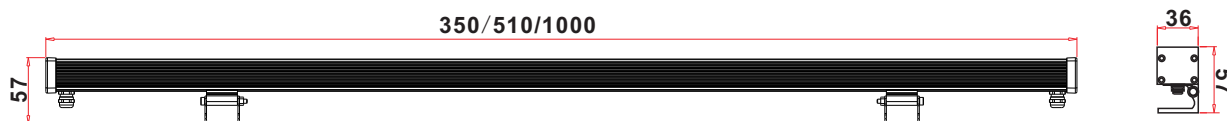### C-1. Candela Distribution

WLT18-510-2-**-*-A

UNIT:cd
V 0.0DEG PLAN,21.0deg
H 0.0DEG PLAN,58.4deg

AVERAGE BEAM ANGLE(50%):39.7 DEG

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C-2.Illuminance At A Distance

WLT18-510-2-**-*-A

Flux out:183.5 lm

Height	Eavg,Emax	Angle:21.00deg	Diameter
3.281ft / 1m	143.6,183.4fc / 1546,1975lx		1.216ft / 37.07cm
6.562ft / 2m	35.90,45.86fc / 386.4,493.6lx		2.433ft / 74.15cm
9.843ft / 3m	15.95,20.38fc / 171.7,219.4lx		3.649ft / 111.22cm
13.12ft / 4m	8.974,11.47fc / 96.60,123.4lx		4.865ft / 148.29cm
16.4ft / 5m	5.744,7.338fc / 61.82,78.98lx		6.082ft / 185.36cm

Note:The Curves indicate the illuminated area and the average
illumination when the luminaire is at different distance.

D.Dimensional Drawing

350/510/1000

57

36

57

E. Installation Drawing:

Fix the brackets via M5 bolt,the installation mounting. Size as below:

20

20

36

57

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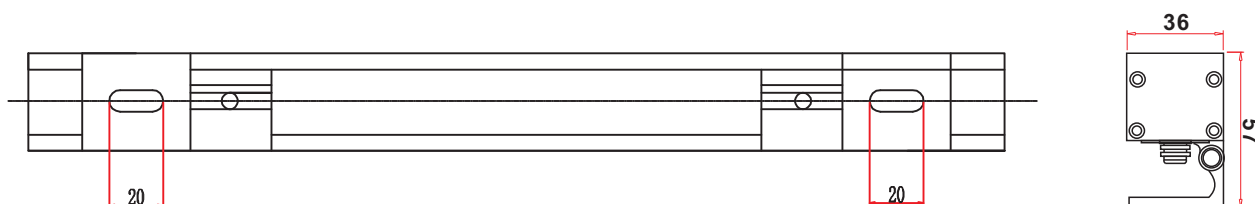
LED WALL WASHER

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F. Connection

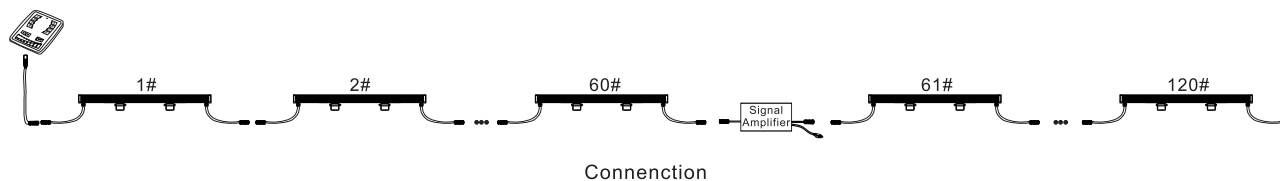Rotation Angle : Loosen the screw, rotate the fixture to the desired angle, and tighten the screw again

F-1 Steady Color

Power Supply

1#   2#   60#

F-2 DMX

F-2.1.Signal max connection is 100m. For every 100m or 60pcs fixtures a signal amplifier is required.

DMX
Controller

1#   2#   60#   Signal
Amplifier   61#   120#

Connenction

Caution:

1. Do not plug them into power when the product is still in the package
2. Don't use anything to cover the fixture during application
3. Don't use this product in a closed environment
4. If this product appears to be damaged, do not attempt any repair, please contact your dealer.

Warning:

* Neglect on action of the above instructions will lead to a failure of waterproof seal and proper function of the lights
* Make sure the fixtures are grounded to avoid electric shock due to metal housing.

Note: The above instruction are subject to update or improvement without notice.

Do not install the lamp in the lightning activity area.

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